

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/072,012 A
Source: 1FW16
Date Processed by STIC: 2/27/07

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IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/072,012A

DATE: 02/27/2007

TIME: 10:54:56

Input Set : F:\Cura 558 US Seq List.txt
 Output Set: N:\CRF4\02272007\J072012A.raw

3 <110> APPLICANT: Tchernev, Velizar
 4 Spytek, Kimberly
 5 Zerhusen, Bryan
 6 Paturajan, Meera
 7 Shimkets, Richard
 8 Li, Li
 9 Gangolli, Esha
 10 Padigaru, Muralidhara
 11 Anderson, David W.
 12 Rastelli, Luca
 13 Miller, Charles E.
 14 Gerlach, Valerie
 15 Taupier Jr, Raymond J.
 16 Gusev, Vladimir Y.
 17 Colman, Steven D.
 18 Wolenc, Adam R.
 19 Pena, Carol E. A
 20 Furtak, Katarzyna
 21 Grosse, William M.
 22 Alsobrook II, John P.
 23 Lepley, Denise M.
 24 Rieger, Daniel K.
 25 Burgess, Catherine E.
 27 <120> TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 29 <130> FILE REFERENCE: 21402-258
 31 <140> CURRENT APPLICATION NUMBER: 10/072,012A
 32 <141> CURRENT FILING DATE: 2002-01-31
 34 <150> PRIOR APPLICATION NUMBER: 60/265,102
 35 <151> PRIOR FILING DATE: 2001-01-30
 37 <150> PRIOR APPLICATION NUMBER: 60/265,514
 38 <151> PRIOR FILING DATE: 2001-01-31
 40 <150> PRIOR APPLICATION NUMBER: 60/265,517
 41 <151> PRIOR FILING DATE: 2001-01-31
 43 <150> PRIOR APPLICATION NUMBER: 60/265,412
 44 <151> PRIOR FILING DATE: 2001-01-31
 46 <150> PRIOR APPLICATION NUMBER: 60/265,395
 47 <151> PRIOR FILING DATE: 2001-01-31
 49 <150> PRIOR APPLICATION NUMBER: 60/266,406
 50 <151> PRIOR FILING DATE: 2001-02-02
 52 <150> PRIOR APPLICATION NUMBER: 60/266,767
 53 <151> PRIOR FILING DATE: 2001-02-05
 55 <150> PRIOR APPLICATION NUMBER: 60/267,057
 56 <151> PRIOR FILING DATE: 2001-02-07

Nel P. b

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59 <151> PRIOR FILING DATE: 2001-02-07
61 <150> PRIOR APPLICATION NUMBER: 60/267,459
62 <151> PRIOR FILING DATE: 2001-02-08
64 <150> PRIOR APPLICATION NUMBER: 60/267,823
65 <151> PRIOR FILING DATE: 2001-02-09
67 <150> PRIOR APPLICATION NUMBER: 60/268,974
68 <151> PRIOR FILING DATE: 2001-02-15
70 <150> PRIOR APPLICATION NUMBER: 60/271,855
71 <151> PRIOR FILING DATE: 2001-02-27
73 <150> PRIOR APPLICATION NUMBER: 60/271,839
74 <151> PRIOR FILING DATE: 2001-02-27
76 <150> PRIOR APPLICATION NUMBER: 60/273,046
77 <151> PRIOR FILING DATE: 2001-03-02
79 <150> PRIOR APPLICATION NUMBER: 60/272,788
80 <151> PRIOR FILING DATE: 2001-03-02
82 <150> PRIOR APPLICATION NUMBER: 60/275,989
83 <151> PRIOR FILING DATE: 2001-03-14
85 <150> PRIOR APPLICATION NUMBER: 60/275,925
86 <151> PRIOR FILING DATE: 2001-03-14
88 <150> PRIOR APPLICATION NUMBER: 60/275,947
89 <151> PRIOR FILING DATE: 2001-03-14
91 <160> NUMBER OF SEQ ID NOS: 1394
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97 <212> TYPE: DNA
98 <213> ORGANISM: Homo sapiens
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107 aactgaacga gatggagacc tggatcatgg ggatttggga ggtctgcgtg gatcgagagg 180
110 aagtccgccccac tgtgtgcaag gcctttgaat ccttcttgct tctgccccag gagctccagg 240
112 tagcccgcat cctcatggta gcctccatgg ggctgggcctt attggggcctt ttgctctgca 300
114 gctttgggtc tgaatgcttc cagtttcaca ggatcagatg ggtattcaag aggccggcttg 360
116 gtctcctggg aaggactttg gaggcatccg cttcagccac taccctccctt ccagtctcct 420
118 gggtgtggccca tgccacaatac caagacttct gggatgacag catccctgac atcataaccct 480
120 cgggtgggagt ttggaggtgc cctctacttg ggctgggctg ctggattttt cctggctctt 540
122 ggtgggctac tcctcatctt ctcggcctgc ctggaaaaag aagatgtgcc ttttccttgg 600
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145	Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys			
146	50	55	60	
148	Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala			
149	65	70	75	80
151	Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu			
152	85	90	95	
154	Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp			
155	100	105	110	
157	Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser			
158	115	120	125	
160	Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr			
161	130	135	140	
163	Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Arg Trp			
164	145	150	155	160
166	Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala Gly Ile Phe Leu			
167	165	170	175	
169	Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys Leu Gly Lys Glu			
170	180	185	190	
172	Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val Pro Leu Ser Cys			
173	195	200	205	
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194	aactgaacga gatggagacc tggatcatgg ggattggga ggtctgcgtg gatcgagagg 180			
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 222 1 5 10 15
 224 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
 225 20 25 30
 227 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
 228 35 40 45
 230 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
 231 50 55 60
 233 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
 234 65 70 75 80
 236 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
 237 85 90 95
 239 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
 240 100 105 110
 242 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
 243 115 120 125
 245 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
 246 130 135 140
 248 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Ser Val
 249 145 150 155 160
 251 Gly Val Trp Arg Cys Pro Leu Leu Gly Leu Gly Cys Trp Tyr Phe Pro
 252 165 170 175
 254 Gly Ser Trp Trp Ala Thr Pro His Leu Leu Gly Leu Pro Gly Lys Arg
 255 180 185 190
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 286 acttctggta tgacagcatc cctgacatca tacctcggtg ggagtttggaa ggtgcctct 420
 288 acttgggctg ggctgtcggt atttcctgg ctcttgggt gctactcctc atcttctcg 480
 290 cctgcctggg aaaagaagat gtgccttttc ctttgatggc tggtcccaca gtccccctat 540
 292 cctgtgctcc agtggaggag ttagatggct cttccacccatgctaaga ccttaggaacc 600
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 298 <211> LENGTH: 201
 299 <212> TYPE: PRT
 300 <213> ORGANISM: Homo sapiens
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 304 1 5 10 15
 306 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
 307 20 25 30
 309 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
 310 35 40 45
 312 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
 313 50 55 60
 315 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Phe His
 316 65 70 75 80
 318 Arg Ile Arg Trp Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr
 319 85 90 95
 321 Leu Glu Ala Ser Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val
 322 100 105 110
 324 Ala His Ala Thr Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile
 325 115 120 125
 327 Ile Pro Arg Trp Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala
 328 130 135 140
 330 Gly Ile Phe Leu Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys
 331 145 150 155 160
 333 Leu Gly Lys Glu Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val
 334 165 170 175
 336 Pro Leu Ser Cys Ala Pro Val Glu Glu Ser Asp Gly Ser Phe His Leu
 337 180 185 190
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 344 <211> LENGTH: 726
 345 <212> TYPE: DNA
 346 <213> ORGANISM: Homo sapiens
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 354 aactgaacga gatggagacc tggatcatgg ggattggga ggtctgcgtg gatcgagagg 180
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 358 tagcccgcat cctcatggta gcctcccatg ggctgggcct attggggcct ttgctctgca 300
 360 gcttgggtc tgaatgttcc cagtttcaca ggatcagatg ggtattcaag aggccgcttg 360
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 364 gggggccca tgccacaatc caagacttct gggatgacag catccctgac atcataaccc 480
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FJ

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/27/2007
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:193; N Pos. 2448,2454,2455,2456,3490,3610
Seq#:338; Xaa Pos. 15
Seq#:430; Xaa Pos. 40,41,42,43,44,45,46
Seq#:467; Xaa Pos. 891
Seq#:468; Xaa Pos. 890,1762,1786
Seq#:469; Xaa Pos. 891,1763,1787
Seq#:596; Xaa Pos. 41
Seq#:698; Xaa Pos. 40,41,42,43,44,45,46
Seq#:702; Xaa Pos. 469
Seq#:775; Xaa Pos. 164
Seq#:779; Xaa Pos. 15

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:860; Line(s) 75299

VERIFICATION SUMMARY

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M:341 Repeated in SeqNo=193
L:25066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338 after pos.:0
L:33545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:32
L:36401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467 after pos.:880
L:36903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468 after pos.:880
M:341 Repeated in SeqNo=468
L:37405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469 after pos.:880
M:341 Repeated in SeqNo=469
L:52228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:596 after pos.:32
L:61143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:698 after pos.:32
L:61626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:702 after pos.:464
L:68853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:775 after pos.:160
L:69189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:779 after pos.:0